

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	BORIS MASLOV, et al.	Confirmation No.:	4040
Appl. No.:	10/736,896	Examiner:	COLON, S.
Filing Date:	DECEMBER 17, 2003	Art Unit:	2837
Title:	IN-WHEEL ELECTRIC MOTORS		

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.56 and 37 CFR §1.97**

Commissioner for Patents  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Listed on the attached Form PTO/SB/08A and PTO/SB/08B are documents known to applicants in order to comply with applicants' duty of disclosure pursuant to 37 CFR §1.56. Enclosed for the Examiner's convenience is a copy of the listed domestic and foreign documents. These materials are being submitted to comply with the provisions of 37 CFR §1.97-§1.98.

The citation of any document herewith, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

**TIMING/FEE**

This Information Disclosure Statement is being filed after a first Office Action but before the mailing of a final Office Action. The required fees are enclosed herewith. The Commissioner is hereby authorized to charge any deficiency or credit any overpayment in connection with this fee to Deposit Account No. 50-3840.

**CONCLUSION**

Applicants respectfully request that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Forms PTO/SB/08A and PTO/SB08B be returned in accordance with M.P.E.P. §609.

Respectfully submitted,

By 

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Date: April 2, 2007

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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of 2

**Complete if Known**

Application Number	10/736,896
Filing Date	DECEMBER 17, 2003
First Named Inventor	BORIS MASLOV, ET AL.
Art Unit	2837
Examiner Name	COLON, S.
Attorney Docket Number	76897-018CIP3

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
		US- 3,214,663	11-21-1962	KREUTZER, O.	
		US- 3,277,324	11-20-1962	BEUDON, ET AL.	
		US- 3,663,850	05-16-1972	PHOLON, R. E.	
		US- 4,316,699	02-23-1982	SCHOTT, ET AL.	
		US- 4,355,249	10-19-1982	KENWELL, R. F.	
		US- 4,458,168	07-03-1984	WELBURN, R. D.	
		US- 4,491,769	01-01-1985	HEIDELBERG, G.	
		US- 4,492,903	01-08-1985	KNIGHT, ET AL.	
		US- 4,511,831	04-16-1985	MCINNIS, S. A.	
		US- 4,719,382	01-12-1988	LISTING, V.	
		US- 4,949,000	08-14-1990	PETERSEN, C. C.	
		US- 6,498,449	12-24-2002	CHEN, ET AL.	
		US- 6,642,683	11-04-2003	ATMUR, R. J.	
		US-			
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		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number "Kind Code" (if known)	MM-DD-YYYY			
		EP 0 913 292 A2	05-06-1999	LOCKHEED MARTIN	PUBLICATION	
		WO 01/25049 A1	04-12-2001	RENAULT	PUBLICATION	
		JP 11-103586	04-13-1999	SGS-THOMSON	JAPANESE	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		AMREIZ, ET AL., "Switched Reluctance Machines with Simple Hoop Windings", University of Newcastle Upon Tyne, pp. 1-6.	
		JACK, ET AL., "Combined Radial and Axial Permanent Magnet Motors Using Soft Magnetic Composites", IEE Conference Publication 468, 1999, pp. 1-6.	
		JACK, ET AL., "A Scoping Study for Universal Motors with Soft Magnetic Composite Stators", ICEM, 2000, pp. 1-5.	
		JACK, ET AL., "Design and Testing of a Universal Motor Using a Soft Magnetic Composite Stator", IEEE-IAS, 2000, pp. 1-5.	
		JACK, ET AL., "Electric Machine Cores From Soft Magnetic Composites: Experience, Possibilities and Practicalities", Electric Drives and Machines Group, pp. 1-6.	
		MECROW, ET AL., "High Torque Machines for Power Hand Tool Applications", University of Newcastle Upon Tyne, pp. 1-6.	
		MM PRODUCTS, "Motors and Generators", Magnet-Motor GmbH, (2003), pp. 1-3.	

<b>Examiner Signature</b>	<b>Date Considered</b>
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